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Developmental Biology 271 (2004) 517–518

DEVELOPMENTAL BIOLOGY

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Erratum

Erratum to "Heart and head defects in mice lacking pairs of connexins" [Dev. Biol. 265 (2004) 369–383]

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Received for publication 23 April 2004, accepted 23 April 2004
Available online 18 May 2004

The publisher regrets that a typesetting error resulted in the omission of the last two lines of the legend to Fig. 8 in the printed issue. For the reader's convenience, Fig. 8 and its legend are shown here.

☆ doi of original article 10.1016/j.ydbio.2003.09.036.

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doi:10.1016/j.ydbio.2004.04.009

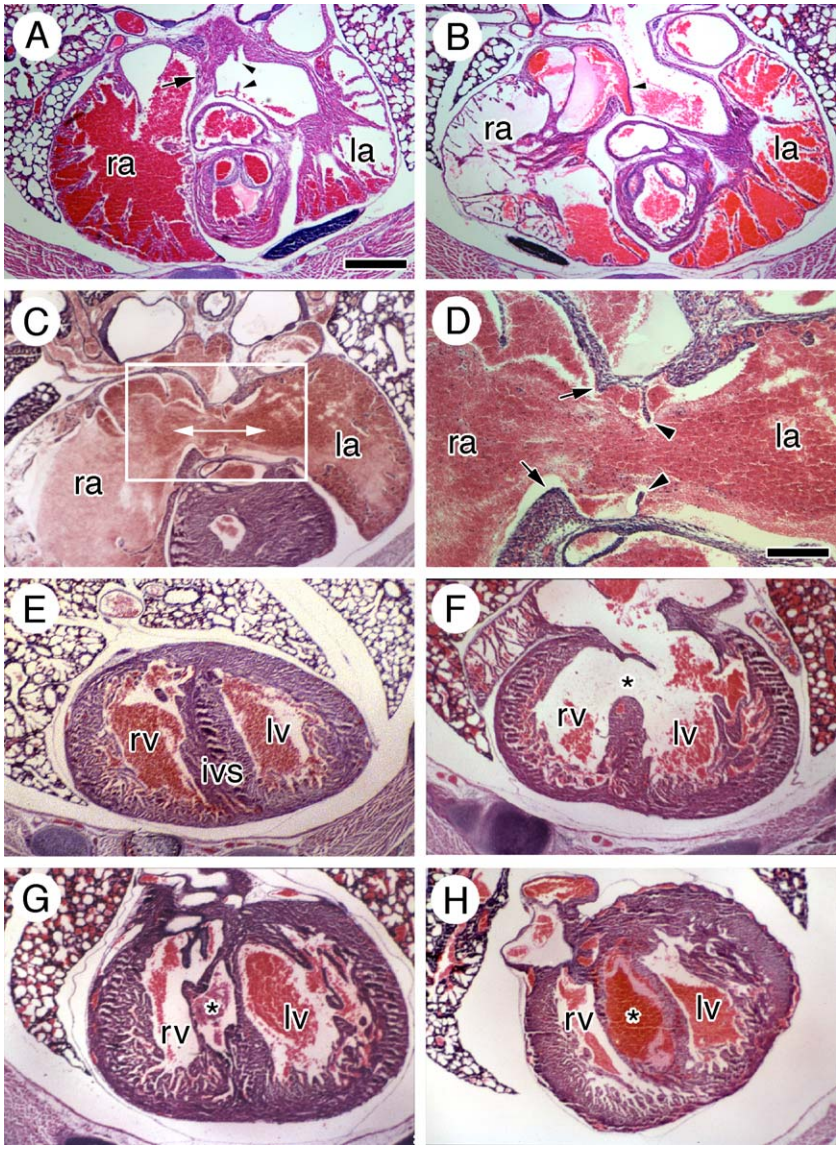

Fig. 8. Atrial and ventricular septal defects in newborn $Cx40^{-/-}Cx37^{-/-}$ mice. (A, B) Transverse sections of a newborn wild-type mouse pup with normal atrial septation. The section in A is superior to the section in B. An arrow indicates the septum secundum, whereas arrowheads indicate the septum primum. The septum primum and septum secundum overlap, with the septum primum forming the flap of the foramen ovale at birth. (C, D) Sections of newborn $Cx40^{-/-}Cx37^{-/-}$ mouse showing atrial septal defect of the ostium secundum type. The area in C outlined with a white box is shown at higher magnification in D. A double-headed arrow indicates the persisting connection between the right and left atrium. Arrowheads in D mark portions of the septum primum in the area of the ostium secundum. In sections that were inferior to C and D, the primary atrial septum was complete. Arrows in D point to the underdeveloped septum secundum. (E) Transverse section of newborn wild-type mouse showing normal interventricular septum. (F) Section of a $Cx40^{-/-}Cx37^{-/-}$ heart with a ventricular septal defect resulting from impaired formation of the membranous portion of the interventricular septum. An asterisk marks the persisting interventricular connection. (G, H) Sections of two $Cx40^{-/-}$ $Cx37^{-/-}$ hearts with ventricular septal defects characterized by large blood-filled, sac-like cavities (asterisks) in the muscular portion of the interventricular septum. ra, right atrium; la, left atrium; rv, right ventricle; lv, left ventricle; ivs, interventricular septum. Scale bars, 500 μm (A, B, C, E, F, G, H); 200 μm (D).